

**CERTIFIED ASPHALT TECHNICIAN TRAINING COURSE AGENDA**

Title – Time	Subjects	Instructor	Reference
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**Monday**  
Moderator: Jim McKinney

Registration

8:00 to 8:30	Olin Hall Rm. O-229	Jim McKinney	
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Introduction

8:30 to 8:45	Opening Comments APAI	Jim McKinney Bill Knopf	
8:45 to 9:30	Agenda/Manual Update Statistical Calculator Round-Off Rules	Ron Walker	Chp 1

Aggregates

9:30 to 10:30	Introduction Specifications	Bob Rees Bart Williamson	Chp 2
10:30 to 10:45	**BREAK**		

Aggregates (continued)

10:45 to 11:30	Introduction Specifications	Bob Rees Bart Williamson	Chp 2
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Aggregates

11:30 to 12:00	Sampling Testing	Brent Schmitt	Chp 2
12:00 to 1:00	Lunch		

**Monday**  
Moderator: Jim McKinney

Aggregate Laboratory A

1:00	Splitting	Bob Dahman
to	Decant	Brent Schmitt
1:45	Gradation	

Aggregate Laboratory B

1:00	Specific Gravity	Bob Rees
to	Flat & Elongated Particles	Don Lecklitner
1:45	Coarse Aggregate Angularity	Wayne Tharp
	Fine Aggregate Angularity	Bart Williamson

1:45 to 2:00                    \*\* BREAK \*\*

Aggregate Laboratory A

2:00	Splitting	Bob Dahman
to	Decant	Brent Schmitt
2:45	Gradation	

Aggregate Laboratory B

2:00	Specific Gravity	Bob Rees
to	Flat & Elongated Particles	Don Lecklitner
2:45	Coarse Aggregate Angularity	Wayne Tharp
	Fine Aggregate Angularity	Bart Williamson

2:45 to 3:00                    \*\* BREAK \*\*

3:00	Sand Equivalency	Jim McKinney
to	Daily Recap	Keith Royer
3:30		

3:30	PWL Introduction	Bob Dahman
to		Brent Schmitt
5:30		Kurt Sommer

5:30                    Dinner

7:00                    Review Session at Hotel (Optional)

**Tuesday**  
Moderator: Jim McKinney

Asphalt

8:30 to 9:30	Introduction to Manufacture Testing Grading PG Binder Specifications	Tony Kriech (Todd Peregrine)	Chp 2
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Mix Design

9:30 to 10:30	Introduction Air Voids, VMA, & VFA Plant Considerations	Gerry Huber (Dudley Bonte)	Chp 4
10:30 to 10:45	** BREAK **		

Mix Design (continued)

10:45 to 12:00	Superpave Calculations & Interpretation Homework Problem	Gerry Huber (Dudley Bonte)	Chp 4
12:00 to 1:00	Lunch		

HMA Laboratory

1:00 to 2:30	Sample Reduction Gyratory Compaction Binder Testing Extraction Ignition Oven	Bob Dahman Brent Schmitt Kurt Sommer Cartia Martin
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Specific Gravity Laboratory

1:00 to 2:30	Bulk Specific Gravity Maximum Specific Gravity CoreLok Coredry Equipment Calibration	Matt Beeson Harley Phillips Wayne Tharp
2:30 to 2:45	**BREAK**	

### HMA Laboratory

2:45 to 4:15	Sample Reduction Gyratory Compaction Binder Testing Extraction Ignition Oven	Bob Dahman Brent Schmitt Kurt Sommer Cartia Martin
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### Specific Gravity Laboratory

2:45 to 4:15	Bulk Specific Gravity Maximum Specific Gravity CoreLok Coredry Equipment Calibration	Matt Beeson Harley Phillips Wayne Tharp
4:15 to 4:30	**BREAK**	
4:30 to 5:30	PWL Calculations	Bob Dahman Brent Schmitt Kurt Sommer
5:30	Dinner	
7:00	Review Session at Hotel_(Optional)	

**Wednesday**  
Moderator: Jim McKinney

8:00 to 8:15      PWL Homework Review      Kurt Sommer

HMA Plants

8:15 to 10:00	Introduction Plant Types Operations	Bob Dahman Brent Schmitt Kurt Sommer	Chp 3
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10:00 to 10:15      \*\* BREAK \*\*

HMA Plants (continued)

10:15 to 11:15	Plant Inspection Warm Mix Asphalt Plate Sampling Coring	Bob Dahman Brent Schmitt Kurt Sommer	Chp 3
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Quality Control Troubleshooting

11:15 to 12:00		Dudley Bonte Brad Cruea	Chp 4
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12:00 to 1:00      Lunch

Sampling Probability

1:00 to 1:15	Demonstration	Dudley Bonte	
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Quality Assurance Specifications

1:15 to 1:45	Introduction Random Sampling Pay Factors	Matt Beeson	Chp 5
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1:45 to 2:00      \*\* BREAK \*\*

2:00 to 3:00	PWL Sample Problems	Bob Dahman Brent Schmitt Kurt Sommer	Chp 5
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Certified HMA Producer Program

3:00 to 4:00	General Requirements Good Practices	Matt Beeson	Chp 6
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5:30      Dinner

7:00      Review Session at Hotel (Optional)

**Thursday**  
Moderator: Jim McKinney

Course Exam

8:00  
to  
12:00

Certification Exam